

# HAPPENINGS



## HEBREW U VETERINARY DENTIST FIXES PEACEKEEPING K-9'S CANINE

Meet Dano: a 7-year-old Malinois (short-haired Belgian Shepherd Dog), whose military service includes two tours of duty in Iraq and Afghanistan, where his responsibilities included explosives detection.

While serving in Afghanistan, Dano was wounded in action, fracturing his left upper canine tooth (fang). The tooth was treated by a root canal therapy and filling, and Dano was re-assigned to The Multinational Force and Observers (MFO) in the Sinai.

Several weeks ago, trouble struck again, as Dano re-fractured his tooth while on duty. Suffering from an exposed nerve, Dano needed immediate attention. But unfortunately the medical care he needed was not available at his camp.

Luckily for Dano, the MFO recently established collaboration with the Hebrew University's Koret School of Veterinary Medicine. Along with a doctor, veterinarian and dog handler, Dano travelled from the Sinai Peninsula to the Veterinary Teaching Hospital. There he met Dr. Yoav Bar-Am, the only board certified veterinary dentist and

oral surgeon in Israel. Dr. Bar-Am was fully equipped to put the bite back in this K-9.

Thanks to the treatment he received, Dano and his Peacekeeping team were able to go home the same day and return to full duty.



## CANADIAN AND ISRAELI SCIENTISTS TACKLE DEADLY PANCREATIC CANCER

Leading Canadian and Israeli scientists gathered at the Hebrew University of Jerusalem's Faculty of Medicine to attend a forum on pancreatic cancer research and help dedicate the Alex U. Soyka Pancreatic Cancer Research Project.

Launched one year ago, the Alex U. Soyka Pancreatic Cancer Research Project is an international research collaboration between the Hebrew University's Institute for Medical Research Israel-Canada (IMRIC) in Jerusalem, the Sheba Medical Center in Tel Aviv, and the Ontario Institute for Cancer Research (OICR) in Toronto.

Alex U. Soyka was a dedicated supporter of the Hebrew University through the Canadian Friends of the Hebrew University (CFHU) in Montreal. After his death from pancreatic cancer in 2010, his daughter Sylvia M. G. Soyka, director, and the Board of Trustees of the SMGS Family Foundation, made a multi-year commitment to CFHU to launch the Alex U. Soyka Pancreatic Cancer Research Project.

The project has brought together Canadian and Israeli researchers to uncover the molecular landscape of pancreatic cancer and the underlying pathways that drive the disease. The ultimate goal of this collaborative effort is to discover new biomarkers for detection and diagnostics, and potentially to find new targeted therapies that will improve patient outcomes.

Pancreatic cancer remains the most deadly common solid tumour in developed countries. Approximately 80 per cent of patients present with advanced disease, are not eligible for surgery, and have an extremely poor prognosis. Advances in combating this

aggressive disease will require detailed molecular analysis of tumours to uncover the pathways driving tumour growth and dissemination.

"This collaboration, made possible by Sylvia Soyka's support, brings together world-class researchers from Canada and Israel, all of whom are experts in the field of pancreatic cancer research. This partnership could lead to important new insights into these most deadly cancers, hoping to find new approaches and modalities for treatment. IMRIC is continually seeking such fruitful scientific collaborations," said Prof. Haya Lorberboum-Galski, Chairperson of IMRIC, the Institute for Medical Research Israel-Canada.

"This research partnership opens new avenues for scientific interaction by bringing together a unique combination of research approaches, cutting edge technologies, and clinical data and material. This will open a whole range of possibilities for tackling a terrible disease for which we currently have very few tools," said Dr. Itai Ben Porath, the program coordinator at IMRIC.

"The Alex U. Soyka Pancreatic Cancer Research Project brings together world-class pancreatic cancer researchers from Canada and Israel to gain important new insights into one of the most deadly cancers. There have been huge scientific advances over the past few decades on many types of cancer, but statistics on pancreatic cancer have remained largely unchanged. OICR is proud today to announce support for PanCurx and help to improve these statistics and bring new solutions to patients," said Dr. Tom Hudson, President and Scientific Director of the Ontario Institute for Cancer Research (OICR).

## MAKING SESAME SEEDS A GROWTH AREA IN GLOBAL FOOD PRODUCTION

### Scientist wins Kaye Innovation Award for recognizing ancient crop's value to a hungry planet

Many people think of sesame seeds as a topping on hamburger buns at profitable global fast-food chains. But in fact the crop has traditionally been unprofitable and difficult to harvest because it produces a low yield. A high percentage of sesame seeds grown are not suitable for human consumption.

Now a Hebrew University of Jerusalem agricultural researcher has discovered a way to increase the yield and nutritional quality of this important but challenging food crop.

By screening more than 100,000 sesame seed variants, Dr. Zvi Peleg has found a way to develop a new elite sesame cultivar with enhanced yield and seed quality suitable for modern agricultural practice.

For some 5,500 years, sesame has been grown as an oil-crop in Asia's Far East and Africa. In Israel and some other Middle Eastern countries, where falafel is a culturally iconic food, tahini (or *tehina*) sauce, made from sesame, is an essential condiment.

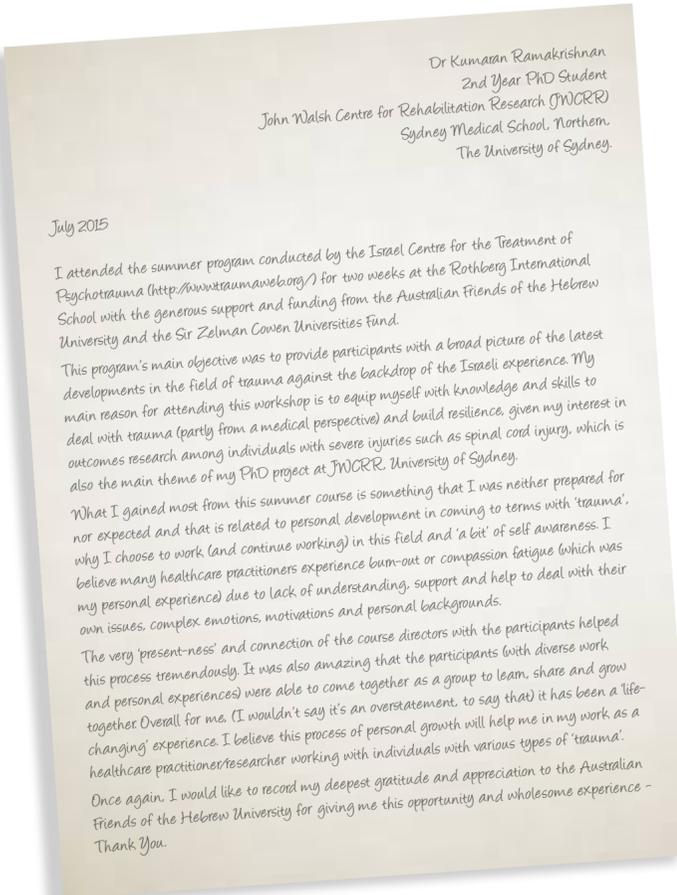
Peleg's innovation facilitates the use of sesame as part of a farmer's crop rotation between cereal crops, while at the same time making it high-yield. As a result, it contributes to more sustainable agriculture and helps prevent the development of herbicide resistance weeds.

Sesame seed contains about 20 percent protein, along with healthy oils and carbohydrates. It is one of the highest oil content crops, broadly ranging from 34 to 63 percent. Sesame seeds are rich in essential nutrients such as iron, zinc and calcium. Peleg's innovation could improve the bio-availability of these essential nutrients and therefore hold health benefits for consumers.



The diversity of sesame seeds can be seen from their many colours. (Photo courtesy Dr. Zvi Peleg)

## TRAUMA & RESILIENCE PROGRAM – A STUDENT'S REVIEW



## HU RANKED #1 IN ISRAEL, RISES TO #67 AMONG WORLD'S 500 TOP UNIVERSITIES

### MAINTAINS POSITION AS #3 UNIVERSITY IN ASIA REGION; #33 WORLDWIDE IN MATHEMATICS

Maintaining its #1 position in Israel and #3 position in Asia, the Hebrew University of Jerusalem rose three positions to #67 among the 500 top universities in the world, in the 2015 Academic Ranking of World Universities.

The Hebrew University was also ranked #33 in the world in Mathematics in the new ranking, which was released on August 15.

Published by ShanghaiRanking Consultancy, an independent organisation providing higher education information, the annual ranking lists the 500 best from among more than 1,200 universities surveyed around the world.

The Hebrew University of Jerusalem is Israel's leading academic and research institution, producing one-third of all civilian research in Israel.



**PROF ISAIAH (SHY) ARKIN**  
VICE PRESIDENT  
FOR RESEARCH & DEVELOPMENT  
WILL BE VISITING AUSTRALIA IN NOVEMBER

For the opportunity to hear of the latest breakthroughs in research and innovations at Israel's top university, contact your local Friends office – Melbourne / Perth / Sydney

## ANTIBODY HOLDS PROMISE FOR TREATMENT OF TYPE 1 DIABETES

### Research Earns Hebrew University's Prof. Ofer Mandelboim the 2015 Kaye Innovation Award

Type 1 diabetes, which usually appears in children and adolescents, affects over 30 million people worldwide. Resulting from an auto-immune reaction that destroys the pancreatic beta cells that produce insulin, the disease leads to pathologically high levels of sugar in the blood and urine, resulting in high rates of morbidity and mortality. The current treatment for Type 1 diabetes is lifetime administration of insulin by injection.

Prof. Ofer Mandelboim and his research collaborators found that a protein receptor present on Natural Killer or NK cells (an essential part of the immune system) play a critical role in the

development of the disease in mice. This happens because the receptor recognises pancreatic beta cells, leading to their destruction.

The research also showed that inhibiting the receptor almost entirely prevented the development of diabetes. If replicated in humans, this effect could significantly delay, and potentially prevent, the need for chronic insulin use by Type 1 diabetes patients, and help minimize diabetes-related complications.

The research has earned Prof. Mandelboim the prestigious 2015 Kaye Innovation Award.

## GRANDPARENTS MATTER FOR ADOLESCENT WELLBEING

An Israeli study (funded by the Israel Science Foundation), headed by Dr. Shalhevet Attar-Schwartz, from the School of Social Work and Social Welfare, the Hebrew University of Jerusalem, shows that contact with grandparents matter for adolescents' well-being, especially when contact with parents is warm. This section of the study, a part of a larger study, was based on a sample of 1,400 Israeli Jewish adolescents. It was published in the American Journal of Orthopsychiatry <http://psycnet.apa.org/psycinfo/2015-35176-001> and reviewed by The Wall Street Journal: <http://on.wsj.com/1N5N71D>



## THE HEBREW UNIVERSITY IN NUMBERS

### Students:

- 23,000 students
- 12,500 undergraduates
- 5,000 masters students
- 2,200 doctoral candidates
- 3,300 overseas and pre-academic students, postdoctoral fellows and others

### Research:

- More than 100 Research centres
- 3,500 Research projects
- 5 affiliated hospitals
- More than 1/3 of PhD students in Israel
- 43% of Israel's biotechnology research
- 30% of all Israeli academic scientific research

### Awards for Excellence:

- 277 Israel Prizes
- 93 Rothschild Prizes
- 42 EMET Prizes
- 14 Wolf Prizes
- 8 Nobel Prizes (faculty and alumni)
- 1 Fields Medal in Mathematics
- 1 Canada Gairdner International Award
- 1 Turing Award in Computer Science

### Teaching:

- 6 Campuses
- 7 Faculties
- 315 Departments
- 955 Faculty Members
- 5,673 Courses

### Technology Transfer:

- 51 Years of Transferring Technologies
- 8,961 patents
- 2,508 inventions (170/year)
- 785 licenses
- 96 spin-off companies

### International:

- 262 academic agreements with institutions in 44 countries;
- 78 competitive research grants from the European Research Council (ERC) since 2007, totalling over €120 million;
- 220 postdoctoral researchers from 26 countries
- 109 university and faculty level student exchanges.

## REGION'S LEADING AUTISM CENTRE TO BE ESTABLISHED BY HU AND HADASSAH MEDICAL CENTER

### Planned investment of \$75 million USD

The Hebrew University of Jerusalem and the Hadassah Medical Center announced the establishment of the first interdisciplinary university-based autism centre in the Middle East.

The Autism Center will bring together cutting-edge research, clinical services, state of the art training and education for professionals and parents in the community. Research will be informed by the relationship with the community, which will in turn lead to better clinical practice, public programming and policies in support of those who deal with autism spectrum disorder (ASD). Prof. David Lichtstein, Dean of the Faculty of Medicine at the Hebrew

University, said: "Our goal in establishing the Autism Center is to lead Israel and the Middle East in research, training, clinical services and community engagement for the benefit of individuals with autism spectrum disorder and their families.

The proposed combination of research, education, and training with clinical and community work is rare in autism centres worldwide. While some universities in the Middle East have extensive autism research programs, and others have specific associations with clinical services, none approximates the comprehensive, collaborative model proposed here.

## CONTACT US

• Do you want to know more about the activities of the Friends?

• Interested in upcoming events?

• Going to Israel soon and keen to visit the Hebrew University?

• Interested in study at the University, or do you know someone who is?

• Become our Facebook friend – join us on Facebook  
[www.facebook.com/AUSTFHUpage](http://www.facebook.com/AUSTFHUpage)

Please contact us; we can assist.

**Sydney Office:**  
Barry Joseph, Federal Exec. Director  
L5, 59-75 Grafton St, Bondi Junction 2022  
Tel: (02) 9389 2825 Fax: (02) 9387 5584  
Email: [nswfhu@austfhu.org.au](mailto:nswfhu@austfhu.org.au)

**Melbourne Office:**  
Eitan Drori, Executive Director  
306 Hawthorn Rd, Sth Caulfield 3162  
Tel: (03) 9272 5511 Fax: (03) 9272 5510  
Email: [vicfhu@austfhu.org.au](mailto:vicfhu@austfhu.org.au)

**Perth:**  
Yael Jacobson, WA Representative  
Tel: 0431 757 127  
Email: [wafhu@austfhu.org.au](mailto:wafhu@austfhu.org.au)

**For study inquiries, please contact:**  
Moran Pitchon: [studynsw@austfhu.org.au](mailto:studynsw@austfhu.org.au)  
Cayleigh Abel: [studyvic@austfhu.org.au](mailto:studyvic@austfhu.org.au)

# NEWS FROM AROUND AUSTRALIA

## GUT BACTERIA HOLD THE KEY TO INFANT LIVER DEVELOPMENT AND DRUG METABOLISM

**Scientists at HU find the missing piece of the liver puzzle, creating functional liver cells from stem cells**

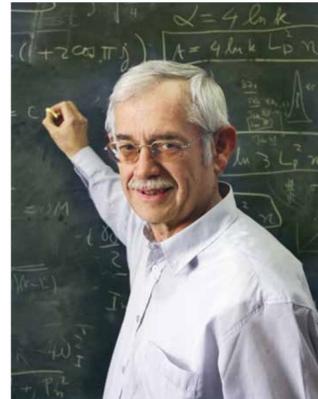
The liver plays a critical role in human metabolism. As the gatekeeper of the digestive track, this massive organ is responsible for drug breakdown and is therefore the first to be injured due to overdose or misuse. Evaluating this drug-induced liver injury is a critical part of pharmaceutical drug discovery and must be carried out on human liver cells. Regrettably, human liver cells, called hepatocytes, are in scarce supply as they can only be isolated from donated organs. Now, in research published on the cover of the July edition of Hepatology, scientists from the Hebrew University of Jerusalem's Alexander Grass Center for Bioengineering report that they produced large amounts of functional liver cells from human embryonic and genetic engineered stem cells. "This is quite a revolution for pharmaceutical drug discovery," said Prof. Yaakov Nahmias, the study's senior author. The limited availability of functional hepatocytes for drug

testing is a major bottleneck bringing pharmaceutical companies to spend \$1 billion/year on liver cells alone. "Our ability to produce an unlimited supply of functional liver cells from human pluripotent stem cells can change all that," said Nahmias. The breakthrough came with the birth of Nahmias' baby girl earlier this year. "I watched her feeding just moments after birth, and realised this is the first time her liver started working," said Nahmias. "Nobody had thought of mimicking this part of human development before, so that's exactly what we did." The team went on to discover that the bacteria populating the infant gut moments after birth produce vitamin K2 and bile acids that activate the foetal liver's dormant drug metabolism program. The groundbreaking work further demonstrated that liver cells produced from either embryonic stem cells or genetically engineered skin cells, can detect the toxic effect of over a dozen drugs with greater than 97% accuracy.

## PROF. JACOB BEKENSTEIN, A BLACK HOLE PIONEER AND HU THEORETICAL PHYSICIST, HAS DIED

Prof. Jacob Bekenstein, a theoretical physicist at the Hebrew University of Jerusalem whose groundbreaking ideas shed new light on black holes, died unexpectedly in Finland in August. Prof. Bekenstein was the Palak Professor of Theoretical Physics at the Hebrew University of Jerusalem's Racah Institute of Physics. His proposals about black holes, entropy and thermodynamics launched the field of black hole thermodynamics and became the basis for the science of Quantum Gravity. **Bekenstein's early ideas were initially contested by the physicist Stephen Hawking, who later reversed course and affirmed them with his famous proposal for the existence of Hawking radiation. In 2012, the world's top theoretical physicists gathered to mark 40 years since the publication of Bekenstein's groundbreaking paper on black hole entropy, at an international conference organised by the Hebrew University and the Israel Institute for Advanced Studies.** The Hebrew University's president, Prof. Menahem Ben-Sasson, said: "Prof. Bekenstein's original and innovative work has earned him a place of honour in the field of exploration of the universe, and has paved the way for many other scientists around the world." Quoting Jennifer Ouellette's 17 August article in Scientific American "Bekenstein and his seminal 1972 paper demonstrated that the entropy of a black hole is exactly proportional to the size of the event horizon around it. He also proved that there is a maximum amount of information that can be stored in a finite region of space, a concept now known as the 'Bekenstein bound.'"

*So what? You may be asking. It just so happens that some of the biggest ideas in theoretical physics in the last 40 years came about because of Bekenstein's insights -- things like Hawking radiation, the black hole information paradox, the holographic principle, and the ongoing debate over the so-called black hole firewall paradox. All of which could ultimately help physicists to devise a full working theory of quantum gravity -- something that can take into account the requirements of both general relativity and quantum mechanics, which thus far just haven't played well together. That's a pretty damned impressive impact for someone you've probably never heard of. Rest in peace, Jacob Bekenstein. You will be missed. Your ideas will live on."*



Prof. Jacob Bekenstein at the Hebrew University's Racah Institute of Physics (Photo: Sasson Tiram)

## In Memoriam EDITH SIMBLIST-POLAK

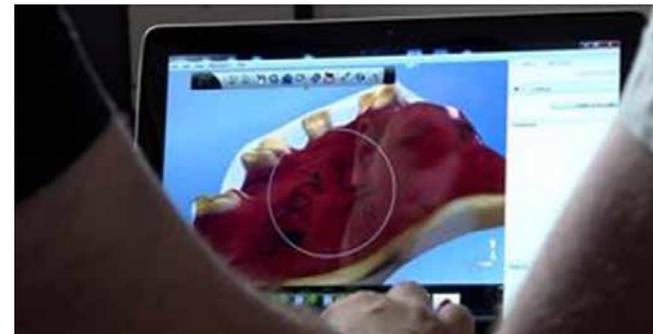


It is with great sadness that we note the passing of Edith Simblist-Polak on June 3, 2015 aged 96. Edith was a key member of the Ladies' Committee of the Friends of the Hebrew University and served as its President on several occasions. Edith worked devotedly for the Friends Ladies' Committee and the General Committee over forty five years. She played a pivotal role in the development of the Australian Friends of The Hebrew University as an organisation and was a very successful fundraiser. In 2004 Edith was honoured at a special ceremony at the Hebrew University of Jerusalem. She established a scholarship prize fund for academically successful students at the University and even in her advanced years remained interested and engaged in the Friends' activities. Edith was also a divisional Chairperson and committed worker of the UJA Women's Division. She was a devoted supporter of Israel, demonstrating a passion and pride that was an inspiration to all who had the privilege of knowing her. Edith was born in Bieltitz, Austria in 1919 to Isidor and Hermine Berek, the middle

of three sisters with younger Yasia and older Hede. Her parents perished in the Holocaust but Edith and her sisters managed to survive and later immigrated to Australia via England to start a new life here. Edith was a stylish and charismatic woman with immense gifts of charm, generosity and intelligence. To many of her wide circle of friends she was known as "Dita". She was something of a fashion guru ahead of her time and owned her own boutique in Double Bay in the 60's and 70's. Irene Selecki, current president of the Committee for Student Support recalls that she and Edith were co-working on several committees. They shared a deep friendship with each other and dedication to the cause. "Edith was always generous, hospitable and ready to help", recalls Irene with fondness. Famous for her wit, optimism and "rose coloured glasses", Edith was an inspiration and a dear friend to countless people both in and outside the Jewish community. Edith lived an amazingly full life and was adored and loved by so many. She is sorely missed.

## 3D DIGITAL SCANNING SHORTENS DENTURE-FITTING TIME FROM DAYS TO MINUTES

**HoloDent is an award-winning 3D holographic scanner aiming to replace a 100-year-old dental procedure**



Fitting removable dentures is a long and painful process in which a patient has to visit the clinic multiple times so that soft and hard plastic material, resembling silly putty, can be used to take exact measurements of the mouth. Failure to take exact measurements causes discomfort and pain. "The process of fitting dentures hasn't significantly changed in the last 100 years," said Dr. Anat Sharon, Director of the Maxillofacial Prosthetics Clinic at Hadassah Medical Center. "It is such a long process that most dental clinics simply refuse to carry out the procedure." The BioDesign: Medical Innovation program, a joint effort of the Hebrew University of Jerusalem and the Hadassah Medical Center, allowed Sharon to recruit top engineering and business students to help her develop an alternative technology.

"HoloDent is the first holography scanning device for intraoral 3D modelling, reducing the time it takes to get dentures from 30 days to 30 minutes, while making the treatment far more comfortable and precise for all patients," said Amit Zilberstein, a BioDesign fellow and CEO of the HoloDent company. The group won a recent award at the Startup Open Israel competition and participated at the prestigious MassChallenge acceleration program in Boston, Massachusetts earlier this year. Watch a Video about HoloDent: <https://youtu.be/96CmYmOyQc8> "HoloDent is a testament to the immense creativity and drive of our students," said Prof. Yaakov Nahmias, director of Israel's BioDesign program. "The experience and maturity of our fellows are predicated to successful spin-offs such as HoloDent."

### FEDERAL

**HU'S VICE PRESIDENT FOR RESEARCH & DEVELOPMENT, PROF ISAIAH (SHY) ARKIN IN AUSTRALIA**  
Please join us to hear Professor Arkin describe the latest innovations from the Hebrew University  
**Melbourne, 19 November | Sydney, 22 November | Perth, 25 November**

### NEW SOUTH WALES

**The CHANGING FACE of . . . POLITICS, INNOVATION & TECHNOLOGY will be revealed at our function on Sunday evening, 22 November, where The Hon Julie Bishop MP will be presented with the Hebrew University's prestigious "Torch of Learning" award. We will celebrate the achievements of the HU with Vice President for Research & Development, Prof Shy Arkin and Charlie Brown of Channel 9's "Life & Technology, will update us on the latest in the world of technology.**

### HONOURS CLUB

In June, Dr Avriil Alba, Roth Lecturer in Holocaust Studies and Jewish Civilisation at the University of Sydney, titled her lecture "Holocaust Museums and Memorials: Construction and Controversies". She teaches and researches in the broad areas of Holocaust and modern Jewish history with a focus on Jewish and Holocaust museums. Colourful artistic director of the Hebrew University's Theatre Company, Professor Isaac Benabu, visited Sydney in July and addressed our attendees on "NOT Reading Shakespeare: Probing the Playwright's Pen". Emanuel Synagogue's Rabbi Dr Orna Triguboff PhD, founder and principal facilitator of the Neshama life organisation, chose to speak on "Judaism as a Spiritual Path". Orna has been awarded a doctorate in Kabbalah from the University of Sydney, specialising in the Kabbalah of Rabbi Isaac Luria of Safed in the 16th century and the study of angels. "A Persian Garden of Eden in Jerusalem: intriguing discoveries at Ramat Rachel" was the topic of Dr Gil Davis' talk at our September meeting. Dr Davis is Director of the Program for Ancient Mediterranean Studies at Macquarie University, where he runs the Archaeology of Ancient Israel program. The program is strongly focussed on practical experience and understanding of Israel. Over 500 students have studied units in the program through Macquarie University and Open Universities Australia in the last two years.

### VICTORIA

**You are cordially invited to celebrate the achievements of the Hebrew University. To coincide with the visit of Prof Shy Arkin, a communal function will be held on Thursday evening, 19 November. Joining Prof Arkin will be the Hon Christopher Pyne MP Minister for Industry, Innovation & Science and Leader of the House.**

### UNIS UNITE OVER AGRICULTURE AND ENVIRONMENT

By Zoe Kron AJN 2 Oct 2015  
The biosciences department of the University of Melbourne hosted 14 of the Hebrew University of Jerusalem's agricultural scientists and biologists for a three-day conference as part of its bid to boost joint research and collaboration. The professors, scientists and researchers from both institutions spent three days seeking solutions to agricultural dilemmas facing Australia and Israel and discussing future partnerships. The conference included a panel discussion open to the public that explored the environmental and agricultural similarities between the two countries and the importance of collaboration. Funding grants and limited resources were identified as key challenges for both universities as well as the importance of securing funds to ensure they could work together into the future. Established by the Australian Friends of the Hebrew University (AustFHU), it's hoped delegates from Melbourne will travel to Israel for another conference next year. AustFHU Executive Director Eitan Drori said, "We will have to apply for both Hebrew U and Australian government funds... to facilitate a continuity of the funding that was dedicated in 2014-15 for this research fund that was established between the two units". He told the AJN that while the conference demonstrates the successful joint research between the two universities, it also highlights Australia's support for Israel. "What we see is an amazing interest shown by the Australian units because they see the centrality of the Hebrew University in higher education and especially in research from discovery to application". Eitan said this spirit of collaboration is extended to other top tier universities across various departments, including Monash University and Swinburne University of Technology. "The whole idea is for the Hebrew University to collaborate on a higher level of science and technology research with the best universities in Australia, and together with Monash, Melbourne and Swinburne to establish ongoing research collaboration between departments, professors and work on exchange on an ongoing basis to help both nations in every subject. Today it is the connection between biology and agronomy and tomorrow it can be the connection between computer science and medicine and everything in between".



### COMMITTEE FOR STUDENT SUPPORT

At our June meeting, it was decided to have the next luncheon function on a Sunday, assuming that those who work during the weekdays cannot attend our functions on a Tuesday daytime, but they might be interested in attending an intellectual function on a Sunday. It proved successful, with a higher attendance at our July meeting, where Committee President, Irene Selecki spoke on the topic "Daniel Libeskind and Frank Gehry, architects – combating the latest international style in architecture". At our September function, Prof Emeritus Fred Ehrlich OAM delivered an introduction, briefly outlining the history and achievements of the Hebrew University. This was followed by guest speaker, Prof Emeritus David Flint AM, whose address "They did not come alone: Arthur Phillip and the First Fleet" referred to English democratic law.

### WESTERN AUSTRALIA

WAFHU had some enjoyable functions in the past few months. Our inaugural dog fair "Kosher Canines" was a fun event with a dog parade, a guest speaker, food, a dog wash and pet photography. The judges for the day were Mr Stephen Smith and Associate Prof Peter Winterton, who had the difficult job of selecting the winners. The variety of dog breeds was amazing and even a blow-up dog was sighted! It was an enjoyable afternoon for both two and four legged creatures. After the chagim, we held an event at the Perth Observatory. On a spectacular Spring evening, a group of WAFHU members were excited to observe the night sky through some impressive telescopes. We saw the planet Saturn, as well as Magellan Clouds, stars, constellations and much more. The museum boasted a half billion-year-old meteorite from the Nullarbor Plain, in addition to original clocks, crucial for early navigation of our shores. It was an enlightening experience enjoyed by all who attended. **We look forward to the visit of Professor Shy Arkin in November. On 24 November, the University of Western Australia will be hosting a dinner in his honour. The following day, Prof Arkin will be meeting with members of the Perth Jewish community and in the evening, he will address the community at a private reception.** Our last event for this year will be the communal Hanukkah function. Our rock climbing wall will be a major attraction again this year, for those brave enough to take on the challenge. We look forward to another productive and exciting year for WAFHU in 2016!

### THE HEBREW UNIVERSITY OF JERUSALEM THESE NAMES LIVE ON

- |                             |                                  |                               |                          |
|-----------------------------|----------------------------------|-------------------------------|--------------------------|
| Minnie Apte                 | Dr Isaac M Friedman              | Hilde Lightstone              | Rita Rossler             |
| Benjamin Barg               | Lofta Galewski                   | Rae Lipton                    | Peter Salgo              |
| Philip Barg                 | Helen Gans                       | Jane Lowinger                 | Alice & Alfred Samuel    |
| Benjamin Bellamy            | Ros Gardner                      | Isador & Ira Magid            | Salome Schief            |
| Esma & Regina               | Matta Genzel                     | Prof Kurt Mahler              | Pola Schmolzbach         |
| Benjamin                    | Dr Henryk Gidener                | Proška Major                  | Leopold Schmeidler       |
| Regina Benjamin             | Sidney Glazer                    | Dr Eva Mandel                 | Franciszka Schneider     |
| Roger Benou                 | Dr Jakub & Mrs Helene Goldinberg | Marta Mandler                 | Walter Schnock           |
| Adolf Berger                | Lea Goldmann                     | Otto Mandler                  | Norman Schreck           |
| Peter Berger                | Baris Goldsmith                  | Dr Anna Manheim               | Hella Seefeldt           |
| Doris S Berliner            | Rita Goodman                     | Dr Jacob Manheim              | Gizella Segal            |
| Theodore P Berman           | Kame & Heinrich Bester           | Don Marej                     | Minnie Selig             |
| Henryk Bolyflew             | Edna Goustan                     | Genia Marks                   | Dr David Sheps           |
| Mary Binzotok               | Alphonse Griffin                 | Jolan Marton                  | Helen Sheter             |
| Israel Blankfield           | Margaret Grun                    | Helen Max                     | Isa May Silber           |
| Israel Bloch                | Dorothy Halpin                   | Charlotta May                 | Clare Sils               |
| Ursula & Fritz Blumenthal   | Frank Hammond                    | Susanna Meiler                | Susan Simpson            |
| Frederick Bonyhady          | John Hammond                     | Arthur Meltzer                | Alfred Sluck             |
| David Brandon               | Joseph Handelsmann de Rassy      | Augusta Menasche              | Selig Sobel              |
| Isaac Brauner               | Bernard Harris                   | Ludvik Menasche               | Albert Spatt             |
| Norbert Brenner             | Solomon Jack Hart                | Sophie Meyer                  | Herta Spuner             |
| Sarn Brilliant              | Mendel Herzfeld                  | Alan & Marcia Milston         | Malika Star              |
| Jacob Bronstein             | Bernard Herzberg                 | Anna Mandaschein              | Paulina Stein            |
| Bruno Brosan                | Maria Hirschfeld                 | Britham & Helma Moses         | Lisbeth Stern            |
| Joland Brummer              | David, Gita & Michael Hoffman    | Meyer Ezra Musleach           | Prof Julius & Reza Stone |
| Sapphire Bull               | Siegfried Hohenstein             | Chana Liba Nagel              | Samuel Stornick          |
| Stan Burley                 | Anys Hollander                   | Gwendolen Neithem             | Maximien Stroh           |
| Dora Cameron                | Hornung Charitable Trust         | Kurt Neubauer                 | Judge Bernard Sugarman   |
| Dr Simme & Jack Coggin      | Harry Orianaki                   | Dr Erich & Mrs Foga Neuberger | Jeffy Gibson Swadostsch  |
| Alroy Cohen QC              | Shimshon Orloff                  | Gina Newton                   | Lucja Krystyna Swiderski |
| Judith Cohen                | Barbara & Leslie Paleg           | Harry Paluch                  | Eve Symon                |
| Rieke Cohen                 | Raya Karsenewitz                 | Bertha Pascoe                 | Henryka Szajbe           |
| S Ben Cohen                 | Helen Kasman                     | Sonya & Kurt Peretz           | Senta Taif-Hendy         |
| Sydney Dwyer Davis          | Isaac Keizer                     | Lily Phillip                  | Valera Tappar            |
| Raissa Dorin                | Leslie Kent                      | Zofia (Pareck) Paratt         | Adelheid Traub           |
| Lila Dorn                   | Lucie Knosew                     | Frieda Prager                 | Salomon H Trief          |
| Michael Dobrinski           | Walter Kohn                      | Sabina Price                  | Herbert Van Elkun        |
| Kelvin Howard Dodge         | Neach Koncepolski                | Mafalda Raab-Medley           | Siri Sophia Veicht       |
| Edith Dreyer                | Gabrielle M Korata               | Rose Robin                    | Mojzesz Waksberg         |
| Lilli Edel                  | Godelf Kosnurski                 | Isaoltte Racyner              | David Walden             |
| Esie Ehrenfeld              | Dr Edward Kosman                 | Steffen Rath                  | Kevin Wein               |
| Dr Avram & Idyis Ertihovici | Irene Kozica                     | Erwin Reiser                  | Edith Weiner             |
| Felicia Ertihom             | Emilie Kovacs                    | Henry Reiss                   | Irene Weiss              |
| Esther Elias                | Dr Werner Krebs                  | Martha Reiss                  | Bernard Weissman         |
| Dr Azio Enis                | Dr Lore Kuner-Boll               | Juanita Renensson             | Maria Werner             |
| Rosa Farb                   | Joseph Landy                     | Ruby Rich-Schoit              | Ruth Wertheim            |
| Elizabeth Felbert           | Isaac Lang                       | Susie Rockman                 | A M Wingoove             |
| Franka Ferster              | Erica Larish                     | Alan C Rose                   | Bernard H Winn           |
| Leo H Finlay                | Chaja Lendower                   | Cyrl Rosenbaum                | Alice Wittenberg         |
| Addy Fisher                 | Isaac Lerner                     | Hans Rosenthal                | Alfred Wyner             |
| Rudolf Florian              | Ephim & Lesagorsky               | Alice Rosh                    | Claire Yass              |
| Morris Forbes               | George B Leslie                  | Ruth Rosh                     | Ephraim Yoffa            |
| Oscar Freilich              | R M & A E Liddell                |                               | Toby Zeffert             |
| Irma Friedlander            |                                  |                               | Mania Zoludok            |
|                             |                                  |                               | Helena Zylber            |

By including The Hebrew University in their Will, they have enabled the University to continue its work for humanity in the areas of academic excellence, research and Jewish learning.  
**REMEMBER THE HEBREW UNIVERSITY IN YOUR WILL**  
For free legal assistance, please contact our Federal Office:  
**Australian Friends of the Hebrew University, Jerusalem Limited**  
Suite 5.04 L5 59-75 Grafton Street, Bondi Junction NSW 2022  
Phone: 02 9389 2825 Fax: 02 9387 5584 Email: [nswfhu@austfhu.org.au](mailto:nswfhu@austfhu.org.au) Web: [www.austfhu.org.au](http://www.austfhu.org.au)